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Lindsey Lin

Applicant : Aaron D. Bachelder, et al. Confirmation No. 5761  
Application No. : 10/696,490  
Filed : October 28, 2003  
Title : METHOD AND APPARATUS FOR ALERTING CIVILIAN  
MOTORISTS TO THE APPROACH OF EMERGENCY VEHICLES  
Grp./Div. : 2632  
Examiner : N/A  
Docket No. : 53932/C766

**INFORMATION DISCLOSURE STATEMENT  
37 CFR § 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
January 26, 2006

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the listed references, except for the U.S. patent references, are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

Several of the listed references do not include dates. Applicant is disclosing these references to eliminate any question as to whether Applicant has complied with the duty of disclosure. Applicant does not, however, admit that these references are prior art.

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered

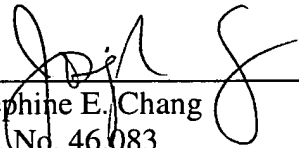
**Application No. 10/696,490**

in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

The Commissioner is hereby authorized to charge any fees which may be required by this paper to Deposit Account No. 03-1728. Please show our docket number with any Deposit Account transaction. **A copy of this paper is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By   
Josephine E. Chang  
Reg. No. 46,083  
626/795-9900

JEC/lal

Enclosures: PTO/SB/08A/B, w/references

**INFORMATION DISCLOSURE**

**STATEMENT BY APPLICANT**

**Attorney Docket Number**

**53932/C766**

**Application Number**

**10/696,490**

**Filing Date**

**October 28, 2003**

**Applicant(s)**

**Aaron D. Bachelder, et al.**

**Group Art Unit**

**2632**

**Examiner Name**

**N/A**

as many sheets as necessary)

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		3,550,078	12-22-1970	Long
		3,831,039	08-20-1974	Henschel
		3,886,515	05-27-1975	Cottin et al.
		4,162,477	07-24-1979	Munkberg
		4,230,992	10-28-1980	Munkberg
		4,296,400	10-20-1981	Becker Friedbert et al.
		4,443,783	04-17-1984	Mitchell
		4,573,049	02-25-1986	Obeck
		4,701,760	10-20-1987	Raoux
		4,713,661	12-15-1987	Boone et al.
		4,734,863	03-29-1988	Honey et al.
		4,734,881	03-29-1988	Klein et al.
		4,775,865	10-04-1988	Smith et al.
		4,791,571	12-13-1988	Takahashi et al.
		4,799,162	01-17-1989	Shinkawa et al.
		4,914,434	04-03-1990	Morgan et al.
		4,963,889	10-16-1990	Hatch
		5,043,736	08-27-1991	Darnell et al.
		5,068,656	11-26-1991	Sutherland
		5,072,227	12-10-1991	Hatch
		5,119,102	06-02-1992	Barnard
		5,172,113	12-15-1992	Hamer
		5,177,489	01-05-1993	Hatch
		5,214,757	05-25-1993	Mauney et al.

EXAMINER  
SIGNATURE

DATE  
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<b>FORM PTO/SB/08A/B (10-01)</b> Substitute for PTO-1449A/B  <b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Attorney Docket Number</b>	<b>53932/C766</b>
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EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		5,334,974	08-02-1994	Simms et al.
		5,345,232	09-06-1994	Robertson
		5,539,398	07-23-1996	Hall et al.
		5,602,739	02-11-1997	Haagenstad et al.
		5,926,113	07-20-1999	Jones et al.
		5,986,575	11-16-1999	Jones et al.
		6,243,026 B1	06-05-2001	Jones et al.

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)
		FR 2 670 002 - A1	06-05-1992	Leroy, Philippe	Abstract
		EP 0 574 009 A2	12-15-1993	Hirohide, Miwa	
		FR 2 693 820 - A1	01-21-1994	Babsky, Jean	Abstract

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		GUNNAR ANDERSSON, article entitled <i>Fleet Management in Public Transport</i> , The 3rd International Conference on Vehicle Navigation & Information Systems, Oslo, 2-4 Sept. 1992, pgs. 312-317.
		JAMES R. HELMER, <i>Intelligent Vehicle Highway Systems at Work in San Jose, California</i> , pgs. 345-347..
		HORST E. GERLAND, <i>ITS Intelligent Transportation System: Fleet Management with GPS Dead Reckoning, Advanced Displays, Smartcards, etc.</i> , IEEE-IEE Vehicle Navigation & Information Systems Conference, Ottawa - VNIS '93, pgs. 606-611.

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EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		ROBERT F. CASEY, M.S., LAWRENCE N. LABELL, M.S., <i>Evaluation Plan for AVL Implementation in Four U.S. Cities</i> , May 17-20, 1992 IVHS America Proceedings, 11 pgs.
		N.B. HOUNSELL and M. MCDONALD, Contractor Report 88, Transport and Road Research Laboratory, Department of Transport, <i>Bus priority by selective detection cover</i> , pg. 8, pg. 22.
		DAVID A. BLACKLEDGE et al., <i>Electronic Passenger Information Systems - Do They Give the Public What They Want?</i> , PTRC 19th Summer, 9-13 September 1991 Annual Meeting, pgs. 163-176.
		American City & County Website, <a href="http://www.americancityandcounty.com">http://www.americancityandcounty.com</a> , <i>City uses technology to track buses, emergency vehicles</i> , June 1, 2001, 1 pg.
		A. KIRSON et al., <i>The Evolution of ADVANCE</i> , Development and Operational Test of a Probe-Based Driver Information System in an Arterial Street Network: a Progress Report, The 3rd International Conference on Vehicle Navigation & Information Systems, pgs. 516-517.
		Volume Two, The Proceedings of the 1992 Annual Meeting of IVHS America, Surface Transportation and the Information Age, May 17-20, 1992, Newport Beach, CA, 13 pgs.
		LABELL ET AL., <i>Advanced Public Transportation Systems: The State of the Art, Update '92</i> , U.S. Department of Transportation Federal Transit Administration, 97 pgs.
		STEARNS ET AL., <i>Denver RTD's Computer Aided Dispatch/Automatic Vehicle Location System: the Human Factors Consequences</i> , U.S. Department of Transportation, Federal Transit Administration, September 1999, 82 pgs.
		APTS Project Summaries, <a href="http://www.itsdocs.fhwa.dot.gov">http://www.itsdocs.fhwa.dot.gov</a> , <i>Advanced Public Transportation Systems (APTS) Project Summaries</i> , June 1996, Office of Mobility Innovation, 33 pgs.
		BRENDON HEMILY, PhD., <i>Automatic Vehicle Location in Canadian Urban Transit; a Review of Practice and Key Issues</i> , December 1988, AATT Conference February 1989, pgs. 229-233.
		Canadian Urban Transit Association, <i>Proceedings, The International Conference on Automatic Vehicle Location in Urban Transit Systems</i> , September 19-21, 1988, Ottawa, Canada, 17 pgs.
		1991 TAC Annual Conference, <i>Proceedings</i> , Volume 4, Transportation: Toward a Better Environment, 21 pgs.

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		CASEY ET AL., <i>Advanced Public Transportation Systems: The State of the Art</i> , U.S. Department of Transportation Urban Mass Transportation Administration, Component of Departmental IVHS Initiative, April 1991, 91 pgs.
		U.S. Department of Transportation, <i>German "Smart-Bus" Systems, Potential for Application in Portland, Oregon, Volume 1, Technical Report</i> , January 1993, Office of Technical Assistance and Safety, Advanced Public Transportation Systems Program, A Component of the Departmental IVHS Initiative, 107 pgs.
		ARUP, <i>Traffic Management for Bus Operations Main Report</i> , Prepared by Ove Arup Transportation Planning for the Public Transport Corporation, December 1989, 123 pgs (front and back).
		RANDY D. HOFFMAN, et al. <i>DGPS, IVHS Drive GPS Toward Its Future</i> , GPS World Showcase, December 1992, 1 pg.
		IVAN A. GETTING, <i>Getting-The Global Positioning System</i> , IEEE Spectrum, December 1993, pgs. 37-38, 43-47.
		IVHS Study - Strategic Plan, Centennial Engineering, Inc., p.31
		HORST E. GERLAND, <i>FOCCS - Flexible Operation Command and Control System for Public Transport</i> , PTRC 19th Summer 9-13 September 1991 Annual Meeting, pgs.139-150
		L. SABOUNGHI et al., <i>The Universal Close-Range Road/Vehicle Communication System Concept The Numerous Applications of the Enhanced AVI</i> , 1991 TAC Annual Conference, pgs. A41, A43-A62.
		R. L. SABOUNGHI, <i>Intelligent Vehicle Highway System - The Universal Close-Range Road/Vehicle Communication System Concept - The Enhanced AVI and Its CVO Applications</i> , 1991, VNIS '91, Vehicle Indication and Information Systems Conference Proceedings, pgs. 957-967.
		CLARIONI, et al., <i>Public Transport Fleet Location System Based on DGPS Integrated with Dead Reckoning</i> , Road Vehicle Automation, July 12, 1993, pgs. 259-268.

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